



**Adam Tas Corridor Energy**

# D80 optical cable





## Overview

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USource D80 fiber optical patch cord is a laser energy cable for high optical power. The high precision D80 connector has large core and with air gap and sapphire protection, which can meet the laser welding, cutting and other high power transmission needs. D80 fiber cables for high-power laser delivery are available in different fiber-core diameters from 200 microns to 800 microns (200 $\mu$ m, 300 $\mu$ m, 400 $\mu$ m, 600 $\mu$ m, 800 $\mu$ m). Furthermore, we can equip the fiber end surfaces with an anti-reflection coating to minimize back reflections during input and output coupling.



## D80 optical cable

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### High Power Optical Fiber Cable

High-Power Fiber Cable with Copper Ferrule, D80/SMA 905, End-Cap & AR Coating for Enhanced Thermal & Optical Performance



### High Power Patch Cable SMA/D80/DIN

High Power Patch Cable SMA/D80/DIN  
Prefabricated silica fibres for the transmission of high laser power Home Products Fiber Optics Fiber Assemblies



### D80 Active Cooling

Due to the active cooling of the connector body, however, an even higher optical power condition is possible by very efficient heat dissipation. Optional versions



### D80 Connector Medical/Laser/Energy/Silica Fiber Big

The high precision D80 connector has large core



and with air gap and sapphire protection, which can meet the laser welding, cutting and other high power



### **D80 Laser Patch Cord High Power Energy Optical Fiber Cable**

D80 Laser Patch Cord is engineered for high-power energy delivery in medical, industrial, and scientific laser systems. Featuring SMA 905 or FC connectors, and built with large core multimode fiber, it



### **D80 Connectors**

D80 connectors are equipped with copper ferrules that have good conductivity and a cooling element. Of course, LASER COMPONENTS also offers connectors in a



### **D80 Connector Medical/Laser/Energy/Silica Fiber Big**

D80 fiber optical patch cord is a laser energy cable for high optical power. The high precision D80 connector has large core and with air gap and sapphire protection,



## **Lightel Supplies SMA and D80 Laser Cable Assemblies**

Lightel offers cable assemblies equipped with SMA or D80 connectors for medium power laser delivery in medical and industrial applications. These



## **High Power Patch Cable SMA/D80/DIN**

Fiber Optic Assemblies from LASER COMPONENTS with a free-standing fiber and SMA or D-80 connectors.



## **D80 Laser Patch Cord , High Power Fiber Optic Cable**

High-power D80 laser patch cord for industrial, medical, and research use. Delivers low loss, heat resistance, and stable performance under heavy



## **High Power Patch Cable SMA/D80/DIN**

Fiber Optic Assemblies from LASER COMPONENTS with a free-standing fiber and SMA or D-80 connectors.



## FSI D80 Energy Optic Fiber Cable SI200/300/400/600

FSI D80 Energy Optic Fiber Cable  
SI200/300/400/600 Silica Armored Patch Cord  
Cable for Laser Welding/Cutting. High Power,  
Medical, and Industrial Use.,



## ModeStrip Fiber Assemblies with SMA Connector and D80 Connector

ModeStrip Fiber Assemblies with SMA Connector  
and D80 Connector Light transmission in optical  
fibers is physically based on the principle of total  
reflection. Theoretically, the light is reflected  
several times

## Optical Fibers for Power Transmission with SMA or D-80 Connector

Optical Fibers for Power Transmission with SMA  
or D-80 Connector Since 1995 LASER  
COMPONENTS assembles optical fibers. Typical  
applications for such fibers not only include  
sensor applications and



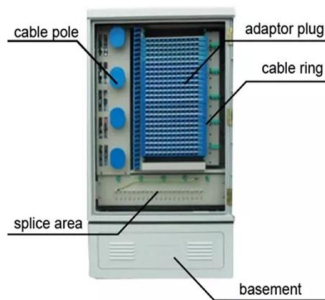


## FCC FibreCableConnect GmbH

FCC FibreCableConnect GmbH develops and manufactures fiber optic cables for laser beam delivery up to 1 kW laser power for industrial

## D80 Laser Fiber Cable-Passive Optical Components\_Fiber Optic

HyOptic D80 laser fiber cable is special fiber optical patch cord for laser energy delivery for high optical power. The high precision D80 connector has large core and with air gap and sapphire protection,



## D80 Fiber Cables for High-Power Laser Delivery

D80 fiber cables for high-power laser delivery are available in different fiber-core diameters from 200 microns to 800 microns (200mm, 300mm, 400mm, 600mm,

## D80 Laser Patch Cord High Power Energy Optical Fiber

Basic Info. Product Description D80 Laser Patch Cord High Power Energy Optical Fiber Cable  
Apply sapphire to connector Armored stainless steel





### **D80\_Passive.cdr**

Laser Cable High Power D80 - Passive Cooled  
FEATURES: D80 compatible connector  
Freestanding fiber tip Passive cooled Use in  
industrial laser systems



### **D80 Energy Optical Fiber Connector For 140um 240um**

In principle, Hicorpswell D80 fiber cables use step-index double-clad fibers and ferrules of good heat-conducting copper alloys for laser transmission. D80 Power



### **D80 High Power Energy Laser Cutting Fiber Optic Laser Cable Patch**

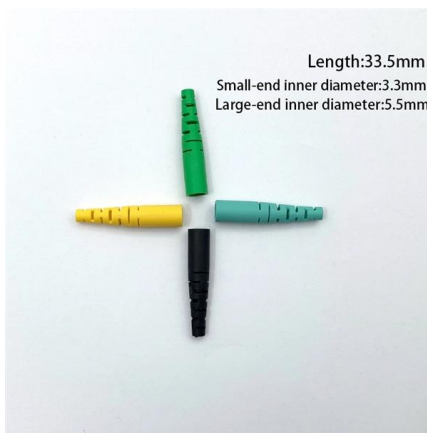
D80 High Power Energy Laser Cutting Fiber Optic  
Laser Cable Patch Cord, Find Complete Details  
about D80 High Power Energy Laser Cutting Fiber  
Optic Laser Cable Patch Cord,D80 Energy





## **D80 Fiber Optic Cable for High-Power Laser Transmission**

D80 fiber optic cable with 200-800mm core diameters, 90% efficiency, sapphire protection. Ideal for laser welding, cutting & industrial applications.



## **D80 Connector for High Laser Power Application**

D80 connectors can be provided with or without a positioning nose. The diameter of the ferrule is 4.0mm and can be suited for the fiber core diameter

## **High-Power D80 Energy Fiber Optic Laser Patch Cord -**

The end face precision grinding large core high power fiber, high precision D80 connector with air gap and sapphire protection. The implementation of 600W fiber



## **Laser Cable High Power D80**

The High Power D80 connector is available in different versions with passive or active cooling. In principle, only free-standing fibers and ferrules of good heat-conducting copper alloys are used.



### **D80 fiber optical patch cord-Optical Traceive\_Fiber**

USource D80 fiber optical patch cord is a laser energy cable for high optical power. The high precision D80 connector has large core and with air gap and sapphire



### **D80 Connectors High-Power Delivery Fiber**

This fiber is matched with air gap and sapphire-protected high-precision D80 connector for high-power laser flexible transmission of single-fiber 600W and



## **Contact Us**

For datasheets, pricing, or custom telecom energy solutions, please visit:  
<https://koskolong.co.za>